

FIG. 1

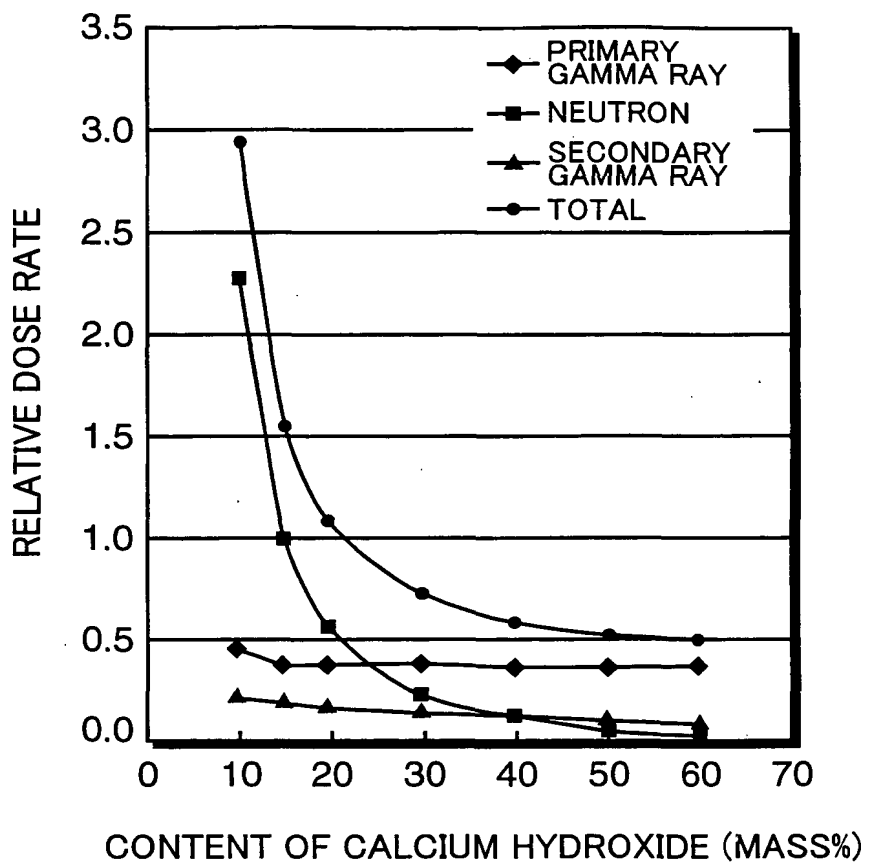


FIG. 2

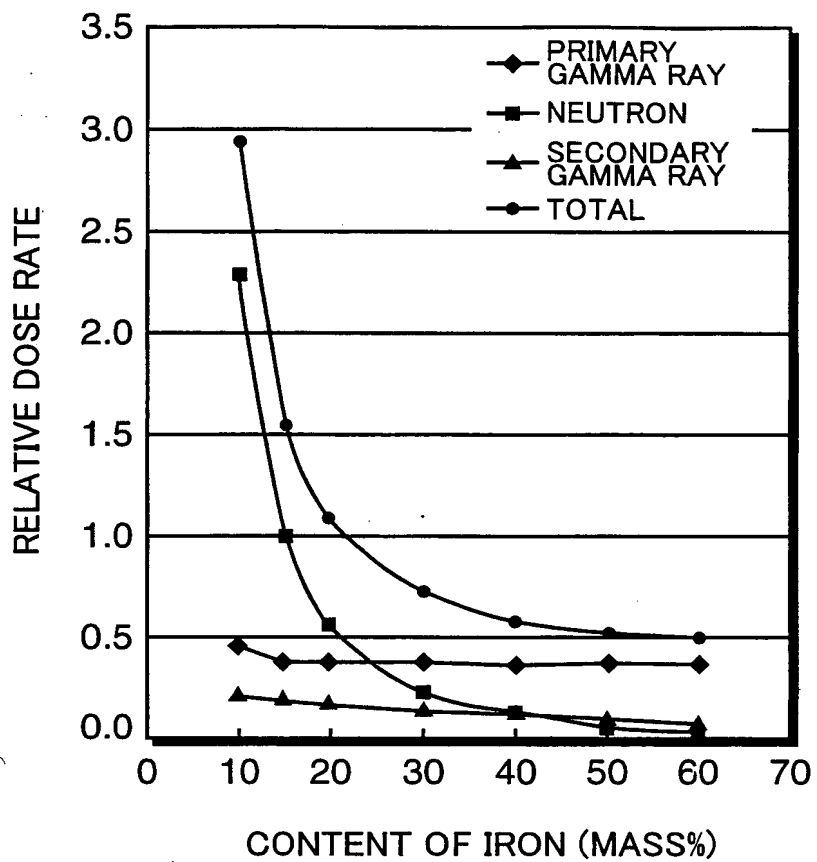


FIG. 3

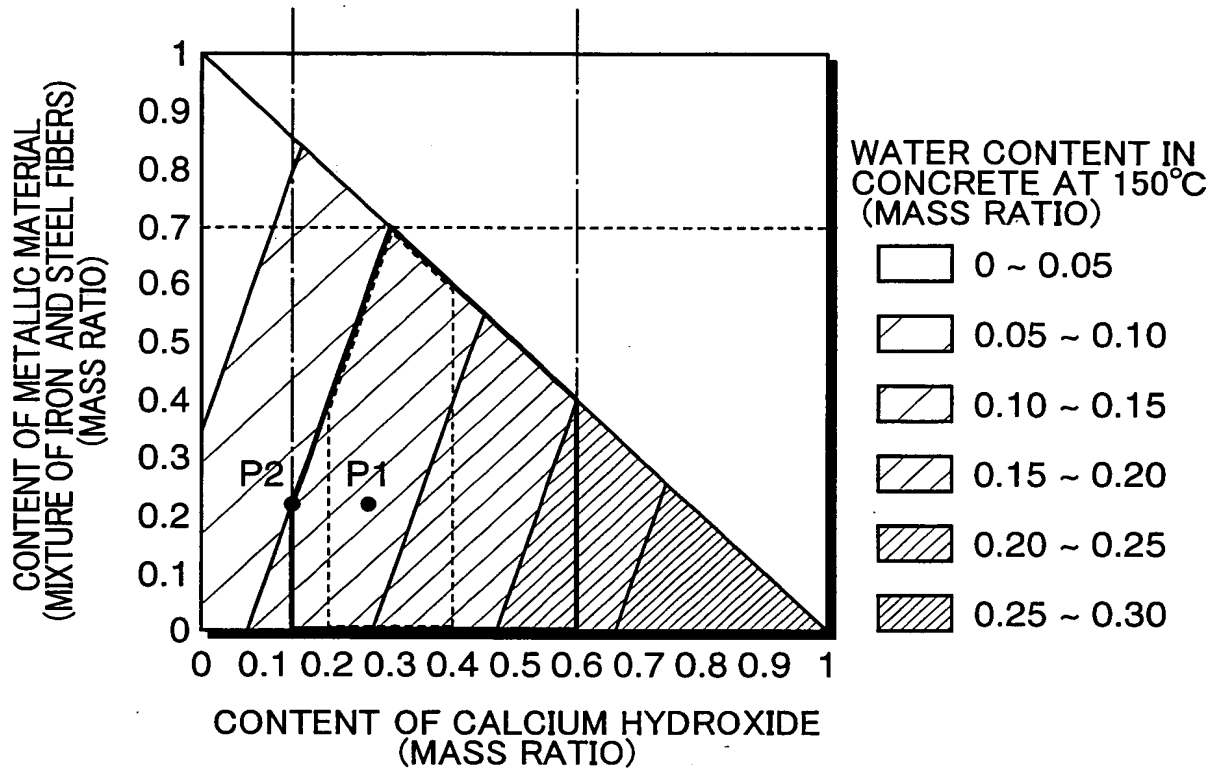


FIG. 4

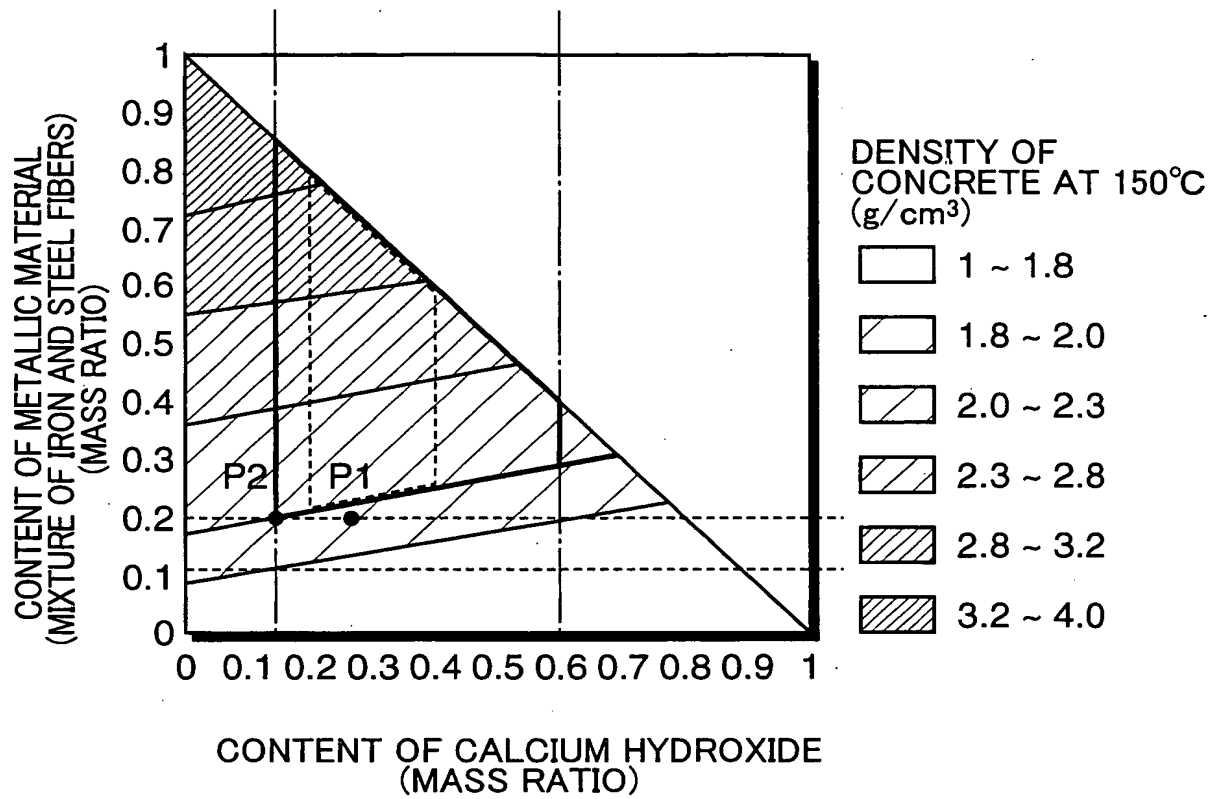


FIG. 5

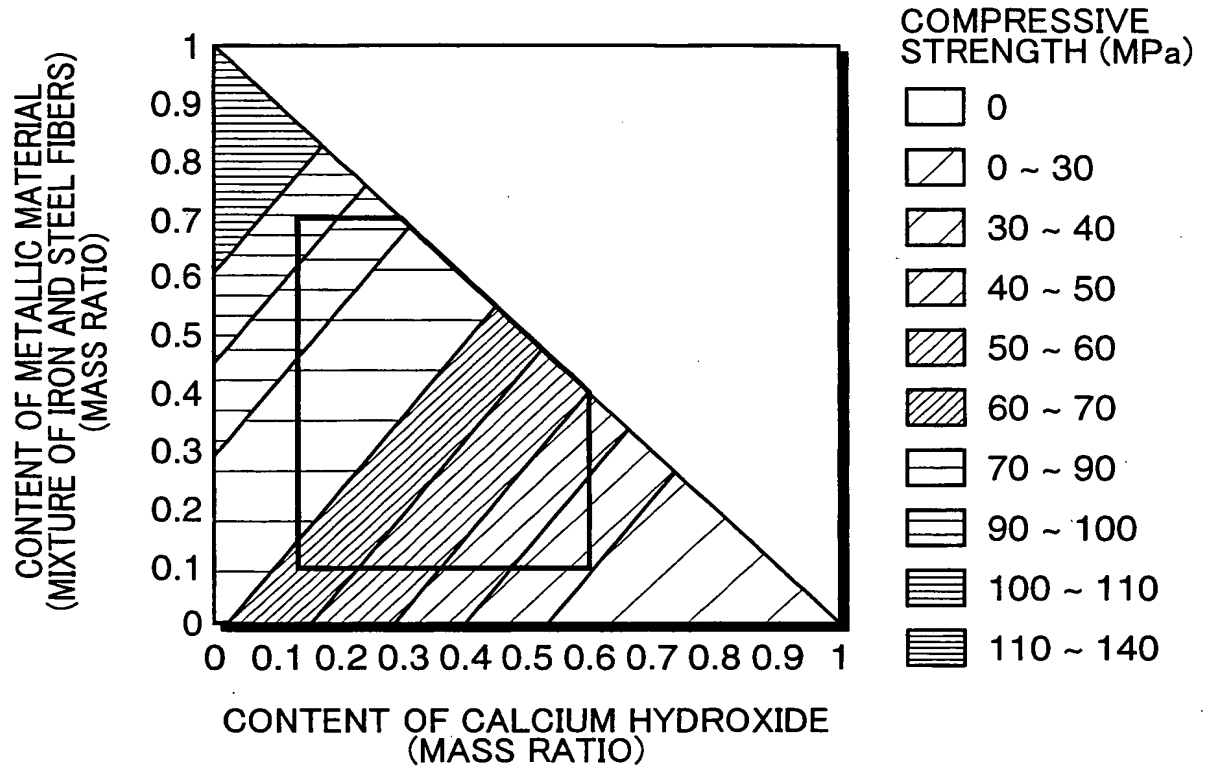


FIG. 6

BORON CONTENT VS. RELATIVE DOSE EQUIVALENT RATE

BORON CONTENT	PRIMARY GAMMA RAYS	NEUTRONS	SECONDARY GAMMA RAYS	TOTAL
0	0.33	0.27	0.40	1.00
0.025	0.33	0.24	0.20	0.77
0.05	0.33	0.24	0.14	0.71
0.1	0.33	0.23	0.10	0.67
0.2	0.33	0.23	0.08	0.64
0.4	0.33	0.23	0.06	0.62
0.8	0.34	0.23	0.05	0.62
1	0.34	0.23	0.05	0.62
2	0.35	0.23	0.04	0.62
3	0.36	0.24	0.04	0.64
5	0.39	0.26	0.04	0.68
10	0.44	0.29	0.04	0.77

FIG. 7

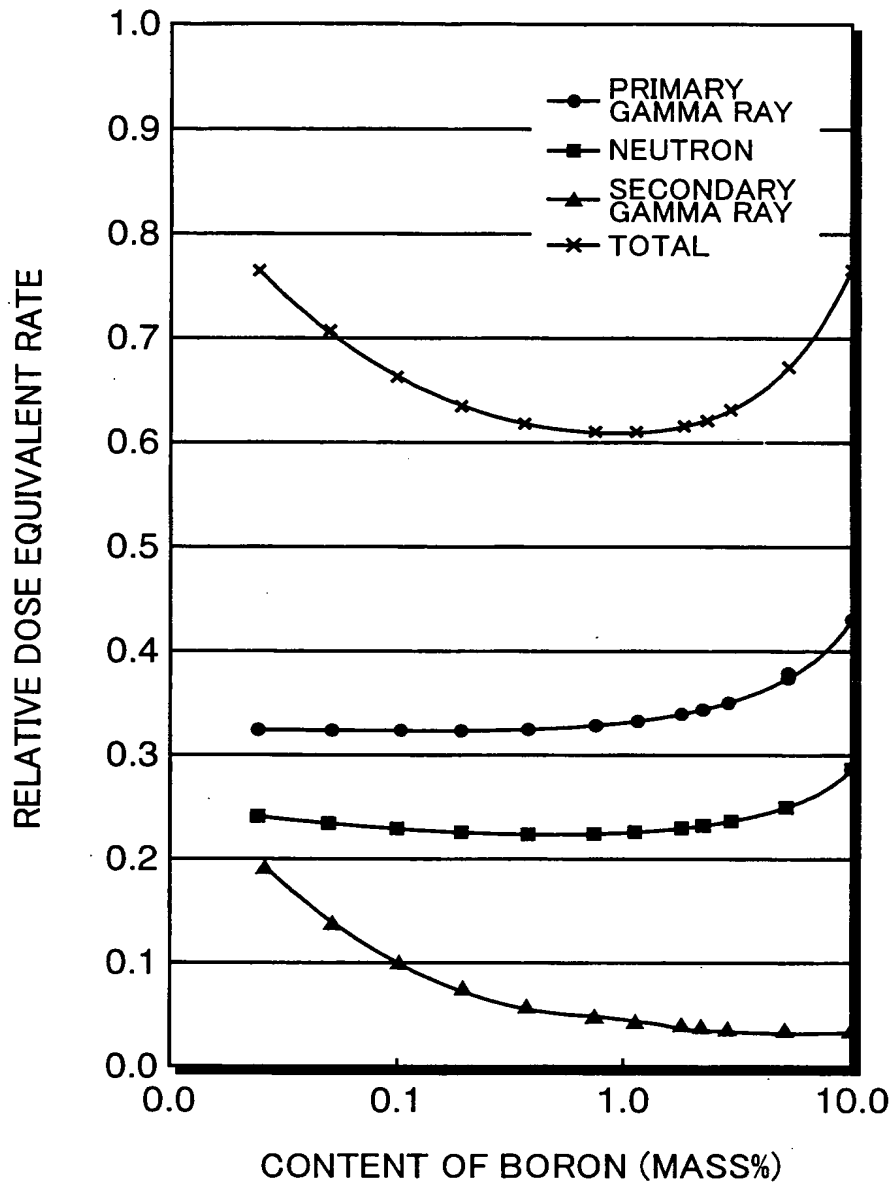
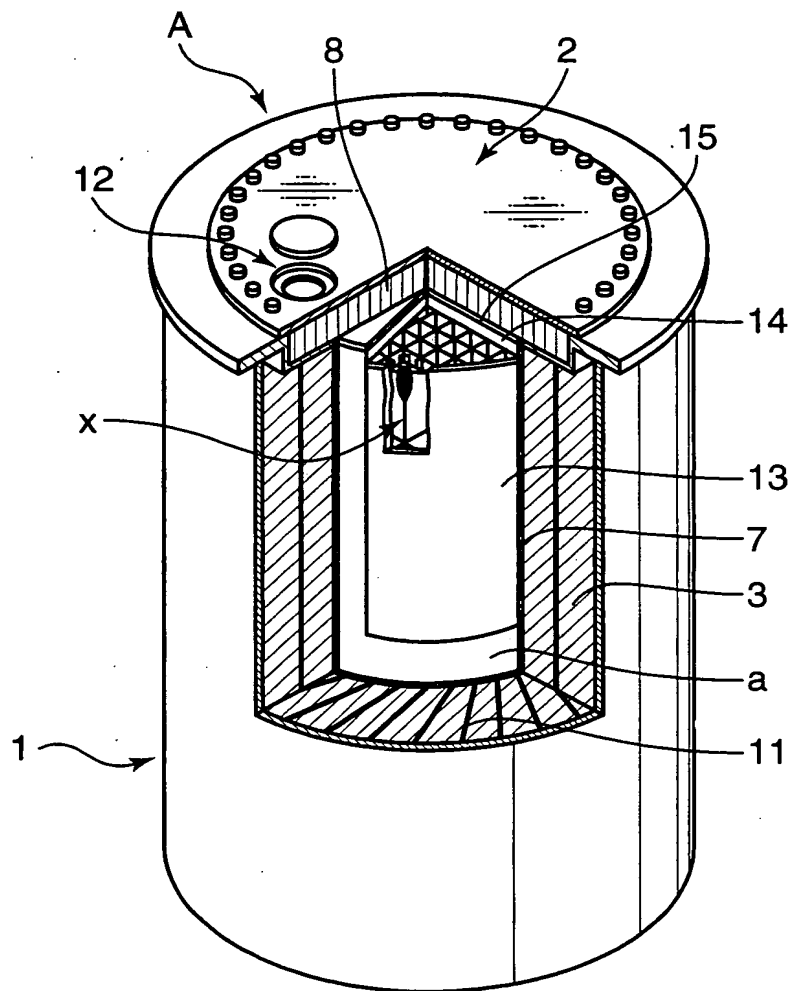


FIG.9



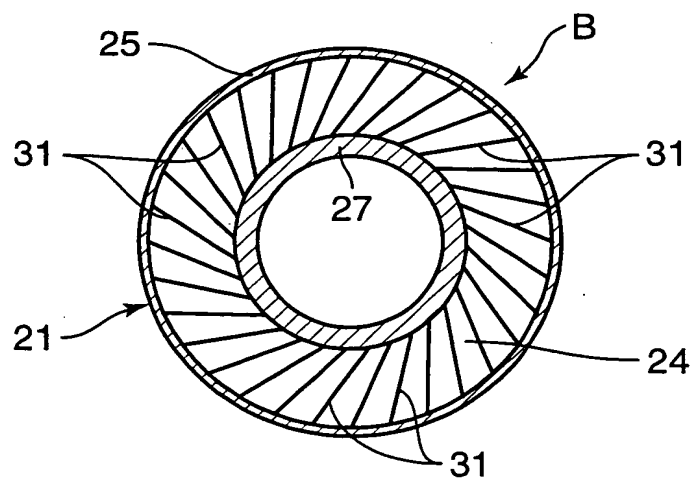


FIG.11

